

UVic has strong presence at public hearing on Mystic Vale

Decision on Vale's future expected in early April

By ROBIE LISCOMB

A crowd of approximately 500 people flocked to University Centre Auditorium on the evening of March 16, but it wasn't for a concert. They were there to express their views at a public hearing on the proposal by Stoneham Developments to build a housing subdivision in Mystic Vale, the 10-hectare natural area adjoining the southeastern corner of campus.

The hearing was called and chaired by Saanich Approving Officer Alan Hopper, who will make a decision on the development proposal in early April.

According to the official community plan, Mystic Vale has

been designated for possible University expansion, but it is currently zoned for single-family dwellings. An earlier development proposal by Stoneham was rejected by Saanich last September.

The current proposal is for 33 lots along a spine road extending from the present end of Hobbs Street, with pedestrian access to Haro Road. A letter from Stoneham, read by Hopper at the hearing, argued that the Cadboro Bay neighborhood has sufficient park and recreational space and that there is no need to preserve the vale.

Over two hours, dozens of speakers made presentations,

including homeowners of abutting property, concerned neighbors, and UVic students and staff members. All presenters opposed the development and argued in favor of preserving the vale in its natural state.

Many argued on the basis of specific sections in the Land Titles Act that stipulate that a development may be rejected if it is unsuited to the nature of the land, adversely affects the natural environment to an unacceptable level, or adversely affects established neighborhood amenities.

Questions were voiced about the potential for landslides and problems caused by changes in the drainage pattern. One neighbor stated that the development "won't be built in Mystic Vale, but on top of Mystic Vale," referring to the developer's plans to dump up to nine meters of fill in the vale. Another property owner estimated that this would require 8,500 truckloads of fill being brought in over narrow residential streets.

UVic Vice-President Administration Trevor Matthews made a presentation on behalf of the University. He raised serious concerns over the grave environmental repercussions of the proposed development and stated that UVic has hired Westland Resource Group to conduct an environmental study. Matthews described Mystic Vale as an "important natural living laboratory" of benefit to UVic students and researchers. "UVic is committed to the preservation of Mystic Vale as a resource for future generations," said Matthews, "and on this basis, the University requests that this subdivision be denied."

John Topham of the UVic VIPIRG presented Hopper with a petition with 1,500 signatures to preserve the vale.

Dr. Nancy Turner (Environmental Studies) reported that a January 1993 survey indicated that Mystic Vale included 13 native tree species, 20 shrubs, and 25 herbs and ferns. "Decisions to preserve natural areas," she declared, "are never regretted by future inhabitants."



Dozens of people spoke at a public hearing on March 16 in favour of preserving Mystic Vale in its natural state. Trees such as this one are a testament to the symbiotic relationship of the plants in the vale, which abuts the southeast edge of the UVic campus.

Woman sexually assaulted on chip trail

On Saturday, March 13, at 7:45 p.m. a woman was sexually assaulted on the UVic chip trail south of parking lot 10 (near the Visual Arts Building construction site). The woman was attacked from behind. Her attacker placed one hand between her legs and grabbed

her breasts with the other. The suspect is a Caucasian male, 6 feet tall, 210 pounds, with dark brown, straight, shoulder-length hair. He was wearing a black jacket and blue jeans.

Anyone having further information concerning the suspect is advised to phone the

Oak Bay Police Department at 592-2424 or UVic Traffic and Security at 721-7599.

Assistant Manager of Traffic and Security Ken Marrison advises people who use the chip trail to do so with a companion.



These six acrobats are among the many other Victorians featured in the student-organized photo exhibition "Trio: Ernest William Albert Crocker (1877-1968)" that runs April 1-8 at the Maltwood Art Museum and Gallery. The story is on page 5.

Chaplains Office prepares for Commonwealth Games

Athletes' spiritual needs considered

The members of UVic's Interfaith Chaplaincy will be ensuring that the disparate spiritual needs of participants of the 1994 Victoria Commonwealth Games are met during their stay in Victoria. The teams, who will come to UVic's Athletes Village from all over the world and will represent varied religious faiths, will be provided pastoral and religious services on request as organized by the Interfaith Chaplaincy.

The interfaith team is already one of the most spiritually

diverse on any Canadian campus. UVic's chaplains represent the United, Anglican, Roman Catholic, Lutheran, Pentecostal and Presbyterian churches as well as the Buddhist and Muslim faiths.

Inside

UVic's visual identity is under scrutiny. A display has been set up to show the University community just how diverse the look of UVic has become. See story on page 4.

Vikes take silver in thrilling final



The fierce defence of the University of Winnipeg Wesmen, epitomized by player Larisa Waschuk, denied the UVic Vikes women's basketball team their second consecutive CIAU title. The Wesmen downed the Vikes 70-63 in a thrilling final telecast nation-wide on TSN.

BY PATTY PITTS

The UVic Vikes women's basketball team desperately wanted to give their outgoing coach, Kathy Shields, another CIAU championship when they played in the national final in McKinnon Gym on March 14. But the defending title holders had to settle for silver medals in the face of a strong University of Winnipeg Wesmen team who took their first CIAU basketball championship with a 70-63 victory.

It was an emotional loss for the Vikes who fell behind early but continually fought back to eventually come within three points of the Wesmen with just 23 seconds left in the game. Each time UVic threatened their lead, the hungry Winnipeg team coolly charged back in spite of the efforts of a raucous, sell-out McKinnon Gym crowd.

The Wesmen's coach of 14 years, Tom Kendall, was named CIAU coach of the year. His third year guard, Sandra Carroll, was chosen as CIAU women's basketball player of the year. Winnipeg's Michelle Chambers was named

tournament MVP. Joining her on the tournament all-star team were team-mates Dianne Zunic, Vikes Chris Van Aert and Heather Bohez and Diane Norman of Laurentian and Heather Marlborough of the University of Toronto.

The Vikes made it to the final by defeating the University of Western Ontario Mustangs 83-69 in their tournament opener on March 12 and then beating the Laurentian Lady Vees 70-54 the following evening. Laurentian won the bronze medals.

Whenever the Vikes took to the McKinnon Gym floor they were greeted by chanting, clapping, cheering fans. Kendall told the media it was the best CIAU tournament that he had ever attended. Visiting teams, who arrived from snow-bound cities like Charlottetown, admired the early-spring Victoria weather from their rooms at the Empress Hotel. Over 100 volunteers assisted tournament organizers in ensuring the visitors were given a warm welcome and provided with a smooth-running competition.

After the final game, a tearful Shields praised the efforts of her team and admitted it would be difficult to say good-bye to the athletes whom she has come to regard as close friends. During the 14 years that Shields has coached the Vikes, the team has won six national titles. Shields has taken a leave from UVic to accept a one-year appointment as coach of Canada's national team in Toronto.

Athletics and Recreational Services hopes to appoint a new Vikes coach by mid-April.

Don Lobb Photo

Provost's new Faculty Series invites nominations

Nominations are being sought for a new monthly lecture/performance series that will showcase UVic's talented faculty and celebrate the University's 90/30 Anniversary. The Provost's UVic Faculty Series is scheduled to begin in September.

The series will be similar to the existing Lansdowne public lectures, only this series will feature the diverse expertise of UVic faculty members. Nominees should have a national or international reputation for excellence and achievement in their fields and the ability to share this expertise with an audience that does not necessarily share their academic background. The aim of the Provost's UVic Faculty Series is to introduce the rich, scholarly diversity that exists at the University to other faculties on campus and the entire Greater Victoria community.

Those presenting the lectures, or arts performances and exhibits can be individuals or teams of senior or junior rank. Adjunct and emeritus faculty are also eligible and there will be a significant honorarium.

Please send your nominations, with a brief documentation of how the nominee meets the criteria, to the Office of the Vice-President Academic and Provost. For further information, nominators may call any member of the Series Committee: Dr. Janet Bavelas, Chair (Psychology) 721-7550, Dr. Patrick Grant (English) 721-7271, Dr. William Kinderman (Music) 721-7909, Dr. George Mackie (Biology) 721-7146, Dr. Margie Mayfield (Education) 721-7849, and Dr. Michael Miller (Computer Science) 721-7220.

Spring fun run at Noon today

Smell the spring flowers and assist the Canadian Cancer Society at the same time when you participate in UVic's 4K Spring Fun Run/Walk today (March 26). Registration is by donation to the society on run day, and the starting point is Mile 'O' of the chip trail behind McKinnon Gym. Participants can start anytime between Noon and 1 p.m.

Everyone is welcome. There will be goodies for all participants and draw prizes as well. For further information, contact Trish Fougner, special events supervisor, at 721-8414.

New date set for Community Awards dinner

The date of the University of Victoria Community Awards dinner has been changed to April 17. It had been previously scheduled for April 3. The dinner will take place in the University Centre at 7 p.m. and will be preceded by a no-host reception at 6:30 p.m. in the Centre's foyer.

The inaugural awards in the following categories will be presented at the dinner: Distinguished Alumni Award—Dr. Harry Hickman; community member—Howard Denike; UVic student—Wendy Hargraves; faculty member—Dr. Jennifer Waelti-Walters and staff member—Nels Granewall. UVic builder, the late Richard "Dick" Wilson, and Elizabeth Wilson will also be honoured at the dinner for their contributions to the University.

Tickets are \$25 each and are available individually or in tables of eight or six. For further information contact Mandy Crocker at Public Relations and Information Serves at 721-8587.

University establishes Transportation Task Force

BY ROBIE LISCOMB

UVic has established a Transportation Task Force to recommend a transportation strategy that will guide University policy over the next decade. The Task Force will report to UVic President Dr. David Strong through Vice-President Administration Trevor Matthews.

"We are charging the Task Force with re-examining our transportation strategy not only with regard to internal conditions at UVic," says Matthews, "but also in the context of transportation planning in the community at large."

Reflecting the University's desire to co-ordinate transportation strategies with surrounding communities, the Task Force draws its membership from both on- and off-campus. It is chaired by David Anderson, well-known consultant on transportation and environmental issues. Other members include Murray Coell, Chair of the CRD Transit Committee; Ron Drolet, Divisional Manager for Planning and Marketing, B.C. Transit; Bob Lingwood, Vice-President of B.C. Transit and General Manager of the Victoria Transit Commission, and W.L. Wood, representing adjoining ratepayers' associations.

UVic members of the Task Force are Dayna Christ, President of the University of Victoria Students' Society (UVSS); Jim Griffith, Director of Student and Ancillary Services; Jim Helme, Director of Buildings and Grounds; Kim McGowan, President of the Administrative/Academic Professional Staff Association; Dr. Bruce More, President of the Faculty Association; Tobias Nassbaum, UVSS nominee; Art Reynolds, President of CUPE Local 917; Peter Walter, President of CUPE Local

951; Gerry Robson, Director of Campus Planning; and Carrie Bronson representing the Graduate Students' Society.

Since UVic was established in 1963, the automobile has been the dominant mode of transportation to and from campus. Presently there are 4,708 parking spaces in 18 major lots covering about 35 acres of the 380-acre campus. The University's land base is essentially fixed and largely developed, and there is increasing interest in preserving some of the remaining undeveloped area in its natural state. Further increase in automobile use would necessitate devoting more space to surface parking or constructing parkades and increased traffic in adjacent areas.

Such heavy reliance on the automobile is no longer necessary nor desirable, and alternatives are available. The University is currently served by nine bus routes, additional transit routes are in the planning stage, and a second on-campus bus terminal is under consideration. In addition, the bicycle has also become a major means of transportation to and from campus, and bicycle use is expected to grow as surrounding municipalities develop more bikeways to serve the region.

In this context, the Task Force will review the background, policies, and issues that frame existing UVic transportation practices, review the future transportation strategies of the CRD and the municipalities of Oak Bay and Saanich, and present by June 30, 1993, a detailed set of recommendations for implementation over a three-year period beginning Sept. 1, 1993.

The Ring is published every second Friday during Winter Session at the University of Victoria. The Publisher is Public Relations and Information Services, P.O. Box 3060, Victoria, B.C. V8W 3R4.

International Standard Serial Number (ISSN): 0318-8419
FAX (604) 721-8955
Electronic Mail ESamuel @ UVVM.UVIC.CA
Managing Editor: Evelyn Samuel, 721-7638

Editor: Donna Danylichuk 721-7641, 721-6247

Contributors: Ken Faris, Robie Liscomb, Patty Pitts, Shelagh Plunkett, Tania Strecheniuk, Dr. Jack Petersen.

Calendar: Michelle Docherty 721-6248, 721-7645

Printer: Island Publishers Limited
The managing editor reserves the right to select and edit all submissions. Material contained in The Ring may be reprinted or broadcast freely without permission. Credit is not necessary but would be appreciated.

Quote

"If I could tell you what I mean, there would be no point in dancing."

— Isadora Duncan (1877-1927)

Athletes' Village

"Home away from home" for 3,000 plus

BY KEN FARIS

A hair salon, a sewing centre, a disco, a post office, a convenience store, a Village Mayor and more are planned for the Athletes' Village at UVic during the XV Commonwealth Games in August 1994.

With the official opening of the Games 18 months away, plans for the Athletes' Village are beginning to take shape, but many details are yet to be finalized.

A large portion of the east side of the campus will be transformed into the Athletes' Village, offering both accommodation and a full range of services and amenities to the more than 3,000 athletes and team officials from around the world who will begin arriving here on August 7, 1994, to prepare for the Games, which run August 18 to 28 next year.

The four existing groups of student residences and the five "villages" of the Family Student Housing Project currently under construction near the corner of Sinclair and Finnerty Roads will provide accommodation for approximately 3,000 athletes.

According to David Carmichael, Manager of the Athletes' Village for the VCGS, no village resident will share a room with more than one other athlete, but many of the existing single rooms will become

double rooms, and the living rooms and studies of the Family Student Housing Project will become temporary bedrooms for the athletes.

Cadboro Commons will become the village dining area for Games athletes and team officials. Kitchen, serving and seating capacities will be supplemented to meet the demands of the four-fold increase in meals served.

UVic Food Services staff will be expanded to include students from UVic and regional college industrial cooking programs and a team of volunteer dietitians, says Carmichael. All food service operations in the Athletes' Village will be managed by a team from Marriott Corporation of Canada, Ltd., a catering company that has provided food services at a number of international events.

"No union member will be put out of his or her job because of the Games," says Carmichael. "Many UVic staff will have the opportunity to work in the Athletes' Village performing duties related to their current work. The skills and experience of the UVic staff will help provide the services necessary to make a stay in the Athletes' Village both memorable and enjoyable."

The Student Union Building will be a hub of the Athletes'

Village and will contain many of its services. Before the start of the Games, the size of the existing SUB will be approximately doubled through an expansion project that will begin soon.

SUB staff, VCGS staff, volunteers, sponsors and agents will work together to provide services for the residents of the village, including a check-in desk; village financial accounting; housekeeping; a secretarial team; a transportation information and facilitation kiosk; a security and police centre; sports information booths; a media co-ordination centre; a sewing centre; a travel agent (negotiations are taking place to use Travel Cuts); a bank; a hairdresser; laundry service; a post office; a convenience store (in the Bookstore); a disco; a movie theatre (Cinecenta); and a radio station (CFUV).

The Graduate Student Centre is proposed to be a nucleus for VIP activities in the Athletes' Village. Graduate Student Centre staff, VCGS staff and volunteers will support the hosting responsibilities of the Athletes' Village Mayor, a senior volunteer to be appointed later this year who will act as the official host of the Athletes' Village. Heads of state from many of the 60 or so teams residing in the Athletes' Village

and many other dignitaries will visit the campus.

Temporary modifications to the Craigdarroch Office Building will transform it from office space to a village medical centre. The facility will provide treatment rooms, a six-bed ward, physiotherapy rooms and a pharmacy. A team of local doctors, nurses, physiotherapists and manual therapists will provide treatment for up to 300 athletes each day.

UVic's Health Services Building is outside the boundary of the Athletes' Village, leaving it accessible and open to the general campus community during the Games period.

Access to the Athletes' Village will be limited to accredited residents, guests and staff. Carmichael says there will, however, be a "Host an Athlete" program to give local residents an opportunity "to show our guests the best that Victoria has to offer." Plans are being developed to set up a "Host an Athlete" kiosk in the Village, with a list of phone numbers so that athletes can call residents who sign up as hosts.

"The program will bring together host and athlete wishing to get to know one another better and, perhaps, to plant the seeds of a lasting friendship," he says.

Physicists elected to Royal Society (London)

UVic Professors Dr. Alan Astbury (Physics & Astronomy) and Dr. Christopher J.R. Garrett (Physics & Astronomy/School of Earth & Ocean Sciences) are the only two Canadians this year to be elected Fellows of the Royal Society (London), the oldest and most prestigious scientific society in the world. Founded in 1660, the Royal Society has counted among its members such luminaries as Robert Boyle, Charles Darwin, Benjamin Franklin, and Isaac Newton. Membership, by nomination from at least six current Fellows, is one of the highest honours awarded in the natural sciences in Commonwealth countries. The number of candidates elected as Fellows is limited to 40 per year.

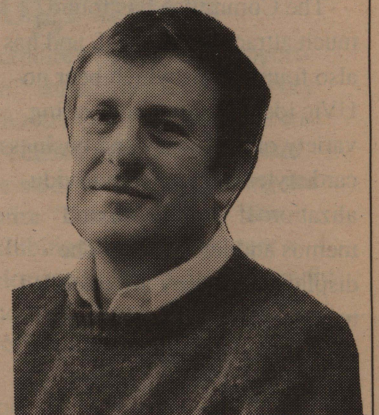
"I'm really not at all surprised that these two outstanding researchers have been elected to the Royal Society," says Dr. Al Matheson, Dean of Science. "Both of them are doing cutting edge work in their respective fields. The fact that two of the six fellows elected from outside the U.K. are at UVic indicates the high quality of our faculty and how much this University has matured."

The citations, published in the *Royal Society News* for March 1993, read as follows:

"Professor Alan Astbury, R.M. Pearce Professor of Physics... and member of the OPAL team at CERN, Geneva, Switzerland. Distinguished for his work in high energy physics, which explores the fundamental particles of matter and the nature of the forces that bind them together. He played a crucial role in the discovery at CERN of two new elementary particles—the W and Z bosons—and in subsequent experiments that proved conclusively the prediction of the link between the electromagnetic and the weak interactions that operate between particles.

"Professor Christopher John Raymond Garrett, Lansdowne

Professor of Ocean Physics.... Distinguished for his studies on the motions and processes controlling the oceans. His work on all aspects, from the detailed processes of mixing and dispersion in the ocean, to the analysis and prediction of iceberg



Garrett

trajectories and ocean tides, has extended both our understanding of these processes and our interpretation of observations."

Astbury joined the UVic faculty in 1983. He was awarded the Rutherford Medal and Prize by the Institute of Physics (U.K.) in 1986. Garrett joined the UVic faculty in 1991. He has been awarded an E.W.R. Steacy Memorial Fellowship of the National Research Council of Canada and a Guggenheim Fellowship. Both are members of the Royal Society of Canada.



Astbury

Other UVic faculty who are members of the Royal Society (London) are: Dr. George Mackie (Biology); Dr. Robert W. Stewart (Physics & Astronomy, retired); Dr. Sidney van den Bergh (Adjunct Professor of Physics & Astronomy); and Dr. Edward Irving, an adjunct professor in Physics & Astronomy in past years.



Wigmar Construction Ltd. of Victoria is constructing Village 4 of the Family Student Housing Project near the corner of Finnerty and Sinclair Roads.

\$3.2 million stadium upgrade goes to Perma Construction of Victoria

Perma Construction Ltd. has been awarded a \$3.2-million contract to renovate Centennial Stadium for the 1994 Victoria Commonwealth Games.

The contract was awarded by the Victoria Commonwealth Games Society (VCGS) to the Victoria construction company, the lowest of eight tenders for the project.

Perma will remove the existing track and replace it with a nine-lane athletic track that conforms to international competition standards. A full complement of track and field facilities, including a sand-based natural turf infield with irrigation and drainage systems, is also part of the contract work.

The construction of new concrete terraces with seating to accommodate approximately 2,000 spectators will increase the stadium's permanent seating capacity to about 5,000. Support facilities, including public washrooms, equipment storage and office space, will be built beneath the seating.

Temporary seating will eventually be added to make room for a total of 32,500 spectators expected for the Games' opening and closing ceremonies.

While Centennial Stadium is being upgraded, UVic will have use of the new warm-up track and sand-based grass turf infield built using VCGS funding last year near the stadium. On Feb. 28, a large helicopter was used to move the light standards from Centennial Stadium to the warm-up track, and new standards will be erected at the stadium under a separate contract.

The stadium renovation is the final major construction project in Victoria in preparation for the XV Commonwealth Games, scheduled for August 18 to 28, 1994. The project has already begun and will create 150 person-months of employment until its expected completion in September 1993.

The look of UVic

Display at University Centre shows plethora of images

This week, University faculty and staff members have received a copy of a survey asking their opinions about the way the University represents itself visually. The distribution of the survey coincides with a display of print and photographic material in University Centre foyer showing the great variety produced by various departments at the University. The display and survey are the work of the President's Committee to Examine the University of Victoria's Visual Identity.

The Committee has found much attractive material, and has also found items which bear no UVic identification, a dazzling variety of stationery and business card styles, and much individualization of word processed memos and letterheads. The display and survey are intended to garner a broad spectrum of opinion from faculty and staff members, students and visitors about the University's visual representations.

The display will be up from March 22 to April 2. You can get a copy of the survey at the Information Booth in University Centre or by calling Public Relations at 721-7636.

Members of the Visual Identity Committee are:
Don Bailey, Co-op Coordinator, Creative Writing
Pat Cretney, Admission/Liaison Officer, Administrative Registrar's Office
Dr. Brian Dippie, Professor, History
James Griffith, Director, Student & Ancillary Services
Prof. Donald Harvey, Professor, Visual Arts
Trudy Martin, Manager, Bookstore
Mr. Gerald Robson, Director, Campus Planning.
Evelyn Samuel, Director, Public Relations & Information Services - **Chair**
Martin Segger, Director, Maltwood Art Museum & Gallery
Russell Smith, Manager, Printing & Duplicating Services
Hal Spelliscy, Vice-President, Development & External Relations
Gail Woods, Promotion & Publications Officer, University Extension.

On keeping a pet:

There is more to companion animal studies than is understood in mainstream academia, says sociologist



Donna Danylchuk photo

Veevers, accompanied for a group portrait, by Baudelaire (on desk), Sebastian (on shoulder) and Sadie Thompson (on floor).

BY DONNA DANYLCHUK

People with pets are seldom practical or efficient about their animal companions—nor do they want to be, says UVic sociologist Dr. Jean Veevers.

Pet owners often resist introducing any time-saving changes to their pet care regimes because they need to feel needed by their companion animals, Veevers has found.

Keeping pets is so "immensely impractical" that there must be a psychological, emotional motivation that compels people to become pet owners, she says.

This owner of two dogs and two parrots has learned about the ways of pet owners from both personal and sociological perspectives. In her office in the Cornett Building, accompanied by Sebastian, one of her two blue-fronted Amazon parrots, perched on her shoulder, Baudelaire, her bichon friese, who preferred a lap or chair, and Sadie Thompson, her doberman, who reclined quietly on the floor, Veevers recounted how her interest in pets began and some of her findings.

In the early 1970s Veevers did research into childless couples which resulted in her book, *Childless by Choice*, which attracted nationwide attention—and also inspired her interest in studying the role of pets. "Some couple had a pet they treated as a pet, some treated a pet as a surrogate child, and there were some who didn't have pets and were as vehemently against having a pet as they were against having a child."

"In 1972-73 there was virtually nothing on it. There was no research on pets. But my colleagues warned me against doing it. It was seen as frivolous, not as a serious subject, and I was told it wouldn't be published in mainstream academic journals." Veevers took heed and established her research credentials and received tenure before returning to her pet research project.

In 1985 in volume 8 of the *Marriage and Family Review* she published the first work on the psychological and emotional importance of animals, an article titled *The Social Meanings of Pets: Alternative Roles for Companion Animals*.

The pet research field has since opened up, reflecting what Veevers describes in her article as "a growing appreciation of the social roles played by pets, and of the social and emotional benefits which may be derived from keeping companion animals."

Societies have sprung up for the study of the human, animal bond. "There is an international focus on this now, although it is certainly not mainstream research," Veevers states. She mentions that in the summer of 1992, in Montreal, there was a major international conference titled *Animals and Us* which was attended by psychologists, sociologists, veterinarians and therapists. As well, the Human-Animal Bond Association of Canada has been formed. More groups concerned with the human-animal bond are being formed in the United States,

Sweden, Spain and England and a new journal titled *society and animals* is being published out of Maryland.

The first recognized research on the value of pets was done by B.M. Levinson in the early 1970s and focused on the value of companion animals for traumatized, confused children. In the mid 1980s Veevers did research into the value of pets as therapeutic agents for the elderly. "If dependent populations benefit from animal companions, might not healthy adults do so as well?" she asks in her article. "In recent years, attention has finally been given to the roles which companion animals may play for ordinary persons in ordinary families."

With the change in attitudes towards the research there has been "a deliberate, conscious change of word usage, from pet to companion animal," Veevers says. She believes the change from 'pet' to 'companion animal' reflects an aspect of the Green Revolution which shows a "respect towards other species and values animals for their own intrinsic sake, rather than taking a utilitarian attitude towards them."

"There is no limit to what affluent people will pay for pets," she says. But pets are not only owned by those who can, technically, afford them—people who are living at poverty levels also go to great extremes to care for their animals. "There must be something going on when people who can barely afford food for themselves will somehow find money for food and medicine for their pets." A conservative estimate, according to Veevers, says that about two-thirds of all North American households include a dog and about one-third include a cat.

Veevers suggests that pets have at least three separate functions for their owners: the *projective function* or the extent to which the selection of a pet makes a statement about the owner; the *sociability function* concerning the extent to which a pet acts as a social lubricant and affects interactions with other humans; and the *surrogate function* concerning the extent to which pet-human interaction may supplement or replace interactions with other humans.

When a pet is viewed as a symbolic extension of the owner, then the pet lives at the same standard of living as the owner. Virtually all of the services available to people are available to animals—for a price. There are advanced medical procedures offered for animals, including geriatric treatment, as well as grooming, gourmet foods, dentists, health insurance, allergy treatments and directories for travelling with your pet all over the world. "Although pet owners may not be conscious of a status function, or may be unwilling to admit such motives, it is clear

that having a pet, particularly an expensive, exotic, or difficult pet, proclaims the owner as a person of privilege. A companion animal, other than a guard dog, a seeing eye dog, or a hearing-ear dog, is an indulgence...An expensive and attractive animal is a personal accessory as surely as an expensive car or a cashmere sweater," Veevers notes.

The surrogate function of pets can be seen in many families where the pet is treated as a family member. This can take many forms including treating pets as friends, children or surrogate parents. "While laypersons viewing childless couples often consider them to be substituting a Siamese cat for a baby, they are less likely to recognize that the child may view a pet as a surrogate parent. Nana, the dog baby-sitter in *Peter Pan*, performed this role. The large and cuddly dog, with infinite tolerance for the tugging demands of a toddler, may extend to the child more patience and more contact comfort than the mother," she states.

Many other surrogate roles are given to pets, including that of surrogate enemy ("Animals often indicate where abuse will occur"), surrogate friend, surrogate scapegoat and surrogate mate.

The sociability function of pets is evident wherever people with their companion animals meet others in public places. "Men as well as women are perceived as more approachable when they are accompanied by a pet," notes Veevers. "Pets not only provide people with something to talk about, but also something to look and play with."

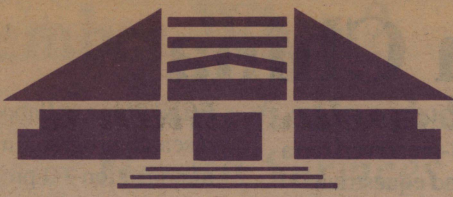
Skilled therapists realize that encouraging people to talk about about their experiences with pets is often an effective way of bringing them to talk about themselves, whereas in other circumstances pet owners may use their pets to keep people away from them. "For example, an elderly person may surround herself with dozens of cats or dogs, thereby becoming 'too busy' to attend to other matters."

There are many attitudes towards the role of companion animals and a number of moral and political issues to be considered, says Veevers.

"For example, to what extent can animals be kept in their natural conditions?"

The Roman Catholic Church, she points out, has a list of new sins, including excessive indulgence to pets when people are starving.

As the next stage in her pet research, Veevers is interested in pursuing the therapeutic value of pets in homes for the elderly in Victoria. She is interested, too, in participating in pet visiting programs in hospitals where it has been shown that pets have therapeutic value for everybody who has pet-connected memories and stories.



GRAD STUDIES BULLETIN

Closely knit team of psych grads does research into discourse analysis

BY SHELAGH PLUNKETT

There is an unusual group of graduate students working within UVic's Department of Psychology. Rather than working individually and in isolation, each with their own supervisor, these students work collaboratively in a large group. This team, led by Dr. Janet Bavelas, is comprised of six of her graduate students; Linda Coates, Rod Coughlan, Trudy Johnson, Han Li, Dan McGee and Allan Wade, plus Giselle Kolaric, Norman Bendle, and Barb van't Slot, who have other graduate supervisors but work on team projects. There are also several undergraduates honors and work study students and a post-doc—currently 17 people in all working within the team. All contribute to Bavelas' ongoing research on dialogue or legal discourse while conducting individual research in discourse analysis.

"The type of research we do and the method we use are both unusual," says Bavelas.

Traditionally, students outside the science and engineering disciplines work in relative isolation on ideas or theories which they protect from appropriation. Emphasis is placed on intellectual individuality and the pursuit of solitary study, with much academic work regarded as intellectual property. Graduate students working in this way depend entirely on their supervisors for guidance, advice and academic support. Although collaborative efforts are fairly common in the sciences, they are rare in the humanities, arts and social sciences.

These graduate students say the experience of working in a team provides them with intellectual and moral support they would not otherwise find. The group functions without a hierarchical structure, allowing all members to contribute and benefit equally. Members of the group describe the team as fluid, informal and dynamic. The students share their data and technical skills: one borrows the videotapes of another's thesis data to try out a new kind of analysis. Another runs the complex video lab and sound system for a new, inexperienced

student. They help analyze each other's data to provide the necessary independent reliability checks. Benefits include the opportunity to bounce ideas off students conducting similar research and the chance to form intellectual relationships. Because the group includes undergraduates, master's and PhD students, team members have an opportunity to learn from, and work with, students at various stages of their academic career. The students say they work very efficiently as a result of their membership in the group—there is always somebody nearby to offer help.

Collaborative work necessitates a high level of trust among group members. Graduate students interviewed say they respect their team members and their own abilities. Although disagreements arise, they are not personal. Members of the group say that through debate they are able to hone concepts and recognize flaws in ideas. They have created a formal role through which to carry out this kind of constructive criticism and call it "playing Fred."

"Fred's job is to pick apart ideas. He's the imaginary negative person in the team. We all take turns at being Fred," says one student.

Team members are hard working, self motivated and successful. They are published frequently, both collaboratively and individually, and often hold SSHRC fellowships.

How they conduct research is part of what makes this group of students unique, what they study is also unusual.

Psychologists have traditionally studied individuals in isolation, focusing on the behaviour manifested by single humans rather than the behaviour of groups. Psychological theory has tended to ignore social interaction as an area of research separate from and as valid as the study of individual behaviour.

Discourse analysis is a departure from this tradition. This branch of psychology is the study of natural language—how language is actually used in ordinary human interaction. Although discourse is the medium of virtually all of our

interactions with others, there is very little experimental "basic" research into its nature and regularities. The team's current "dialogue" project is a microanalysis of what listeners do in conversation—their precise actions, the timing of those actions, and how they affect the narrator. A project just completed by the team identified a new class of gestures, which speakers use to maintain the dialogue with the listener.

Coates's master's thesis showed how irony is managed in dialogue—how both people cooperate to make the inverted meaning clear.

Bavelas says that Stanford University is the only other place in the world conducting research in discourse analysis in the same way as the Victoria Group.

"Our goal is to give discourse analysis a valid place in psychology," says Bavelas.

To carry out that goal, the group performs rigorous, programmatic research involving laboratory experimentation. Work of this kind is expensive and time consuming. Bavelas explains that large external grants make the team's research possible.

"The large grants we get allow me to hire all these students as research assistants. Without those grants we couldn't support the team," says Bavelas.

The team has a 15-year tradition of programmatic research, including the work of several generations of graduate students. Work of this kind, extending over five years or more, is beyond the reach of most graduate students. Those who join the team have an opportunity to participate in ongoing research while gaining access to equipment and technology not normally available to students.

The team is a close knit group. They have offices in one area of Cornett Building. Office doors are kept open, people wander in and out, and call to each other from across the hall. The atmosphere is relaxed, social and inviting. It is clear from the joking and the laughter that these people enjoy their work and who they work with.



But is it art? Advanced Education, Training and Technology Minister Tom Perry was among those who combined arts appreciation with fundraising when the Community Phase of The UVic Challenge Campaign was launched March 10 at the Fine Arts Downtown festival. Campaign organizers chose the festival as the site of the launch to give the Campaign a higher profile and introduce the work by talented UVic visual arts students to the launch guests.

UVic Photo Services Photo

Victoria's past depicted in Crocker's photographs

BY TANIA STRECHENIUK

The students of History in Art 490 will soon have something very tangible to show for their efforts in their directed studies class. Under the direction of Dr. Nancy Micklewright, they have organized, curated, and mounted a photo exhibition that will expose viewers to a unique record of our local Victoria past. Entitled "Trio," the exhibit will run April 1-8 at the Maltwood Art Museum and Gallery. It features a retrospective look at the work of local photographer, Ernest William Albert Crocker (1877-1968.)

Crocker lived and worked in Victoria for most of his life. His photography is relatively unknown and has been lying in relative obscurity in the Provincial Archives since his death. Crocker's work ranged over many subjects including portraiture, landscape studies of B.C., documentary materials, and architectural studies.

"This exhibition is bringing material to light that would not otherwise be seen by the public," says Micklewright. In putting the exhibition together, the students not only are giving the public the opportunity to experience and appreciate the importance of Crocker's work, but are also learning valuable lessons in museum studies.

The 11 students, working determinedly over the past three months to make the exhibition a reality, planned the exhibition, drafted a budget, raised money, and designed the exhibition. In the process, they have had to bridge two institutions—UVic and Provincial Archives. Such collaboration is a necessary feature of mounting nearly all art exhibitions.

"The Provincial Archives was

incredibly helpful and supportive," states Micklewright. They offered a price break on the cost of contact prints, and in return, the students are cataloguing the entire "Trio collection." The exhibition itself will feature a selection of 30-35 prints from the enormous mass of Crocker's work held by the Archives.

The students solicited donations in the form of supplies, services, and cash. Supporters of the exhibition include Downtown Photo Centre, Ilford Co., the Maltwood, Hillside Printing, Monday Magazine and CJVI radio. The students also raised \$220, and the amount of cash raised off-campus was matched by the Faculty of Fine Arts.

Crocker became a camera fiend early in his life. He emigrated from England to Philadelphia in 1902, spent a short time in Winnipeg and Vancouver, and eventually settled in Victoria in his mid-20s.

The exhibition name, "Trio," comes from an informal photography business Crocker and two friends set up as they left Winnipeg for the frontier West. The trio split up shortly after coming to Victoria in 1903, but Crocker kept the name "Trio" for his business. Here, he lived simply and worked as a photographer. In 1910 he went to the west coast of Mexico as a photographer for a group of Victoria financiers who were inspecting mining properties. Crocker was the official photographer for the army camps for both World Wars, and he also took photos for several local private schools. A cigar stand in front of the Empress Hotel was the outlet for many of Crocker's scenic post cards.

In 1946 Crocker sold his negatives, plates and some prints to the Provincial Archives for \$250.

CFUV thanks Reggae Sunsplash supporters

"A phenomenal success" is how CFUV FM describes the Reggae Sunsplash Benefit held at the Commons Block Feb. 26. Staged to raise funds for the station and for Victoria's Women's Transition House, the event raised approximately \$2,500 for the station and \$600 for the Transition House. Due to the overwhelming success of the event, CFUV is donating an extra \$200 to the

Transition House.

"This will definitely help CFUV offset its Fundrive shortfall of \$4,000 last fall. Last minute ticket sales were incredible and the event sold out at the door that evening," the station announces in a news release, adding that "CFUV would like to thank all of its patrons and generous sponsors for the support and time they put into this event."

Institute offers insights into life in China



Dr. Ted Owen (centre) shares a Chinese meal with some of last year's China Travel Study participants near Turfan on the Old Silk Road.

By KEN FARIS

During the past decade, UVic has had a special relationship with East China Normal University (ECNU) in Shanghai, its twin educational institution in China. This summer, for the eighth time since 1983, the Summer Institute in China, a joint program of Education Extension and the Department of Communication and Social Foundations in the Faculty of Education, will offer several Canadians the opportunity to learn more about Chinese life, past and present.

One of the people who has played a key role in the development of the Institute is Dr. Ted Owen, Professor Emeritus, Faculty of Education. As program co-ordinator and instructor of the Summer Institute in China, Owen has participated in almost all the Summer Institutes since 1983, when he collaborated with Pacific and Asian Studies, which was running a language program at ECNU.

This year, Owen is pleased that the Institute, which typically consists of classroom lectures at ECNU followed by tours to

several locales in China, will include a special visit to Lhasa, the capital of Tibet. The success in getting a Western tour group into Tibet, which has closed its borders to foreign travellers in the past several years, is because Chinese officials at ECNU have made the travel arrangements.

Owen says the goal of the Institute is to offer studies of China through meeting and observing its people as much as possible. "We try to avoid the usual Western tour where you stay at a Western-style hotel, go to a temple and then a pagoda and never actually meet people. Sometimes students go to the homes of Chinese faculty and meet their families," says Owen.

The Institute has been modified over the years so that Canadian students attend classes at ECNU for about 10 days before spending the following three weeks or so visiting various places of historical and cultural significance throughout China. While in class, the Canadian participants are given a comprehensive overview of China, its population, economic trends, education, modern political

history, contemporary literature, art and calligraphy. Classroom studies with Chinese instructors are augmented by assignments that allow students to learn through their own observations.

"I feel concerned that our students go to a country where they've never been before. I don't want their heads in books the whole time," says Owen. "I encourage them to do assignments that they can do from observation—of life on the streets in Shanghai."

For example, one suggestion Owen makes is for students to compare the kinds of leisure activities in China with those in their own communities in Canada. Others have interviewed teachers and gathered information about schools to make comparisons between classroom activities and teachers' roles in China and Canada.

During the tour of China, the group is met at each destination by local people who are connected in some way with ECNU. These tour guides bring to life some of what the students learned in class about historic places such as X'ian (the ancient

capital on the Old Silk Road where the well-preserved terra cotta human and equestrian figures were recently unearthed), Guilin, the region famous for its unique landscape which has inspired generations of Chinese artists, and, of course, major centres such as Beijing and Guangzhou.

People who sign up for the Summer Institute in China come from all walks of life and over a wide range of ages. Many are professional educators, and most have never before been to China. Several were so impressed with what they saw and learned that they attended a second time.

"It's funny," says Owen. "Some people go to China and I say they get the virus—they become absorbed and obsessed with the country, and they come back and read and talk all the time about China."

It was on his second visit to China that Owen picked up the "China virus" himself; his first experience with China was very brief, as a soldier in the British Army during the Second World War. "At that time, all I wanted to do was get home," he says. In 1976, Owen led a study group to China from UVic, just at the end of the Cultural Revolution.

In 1981, UVic President Howard Petch travelled to Peking to bestow an honorary UVic Law degree upon Madam Soong Qing-ling, one of the famous Soong sisters of China and an advocate of children and education in her homeland. Two weeks after receiving her honorary degree, Madam Soong died.

"UVic got on the map of China as far as awareness and visibility were concerned, with one of their most revered citizens having been given an honorary degree by a foreign university," says Owen.

One year later, Owen was invited by the International Development Research Centre in Ottawa to start negotiations with

ECNU for a collaborative research program into all aspects of education—a program that is now drawing to a close. Many Faculty of Education professors worked on the research and several ECNU delegates visited UVic.

Another concrete aspect of the relationship between the two universities is a student exchange program, in which two Chinese students come here to study as UVic scholars for a year, while two students from Pacific and Asian Studies study the Chinese language at ECNU.

For those who don't want such a specialized scholarly experience, the Summer Institute in China offers a wonderful means of learning about such a huge and diverse country within a short period of time. The cost for this year's Institute is \$5,800, which, Owen says, "covers everything." Most of the fee is used to offset airline travel in China, which has gone up 15 per cent in the past year.

"I think our price is better than most tours of China—considering the distances travelled and the lectures by Chinese experts," says Owen. "It's like arriving here in Victoria and spending 10 days studying at UVic, then doing a cross-Canada trek by airplane, making several stops along the way."

Owen describes the accommodations at ECNU as "austere plus" but for the rest of the tour the group stays in "the best hotels." The food in China is excellent, he says.

This year's Summer Institute in China departs on July 8 and returns Aug. 8. Deadline for applications is Apr. 16, 1993. The Institute is open to anyone and can be taken for credit or non-credit. A consideration is that this year's itinerary includes Lhasa, Tibet, which is 12,000 feet above sea level, and groups normally do a lot of walking. For more information and to register, contact Education Extension at 721-7874.

Corrupt images enhanced through techniques described in book

By KEN FARIS

Sometimes, no matter how good the film is, the picture is still blurred. Medical imaging of all kinds, satellite imaging for commercial and military uses, astronomical photographs, and even all those family photos of kids who won't stand still are examples of images that could benefit from enhancement.

A book published recently by two faculty members of the Department of Electrical and Computer Engineering presents the techniques and procedures of using regularization filters and other types of filters to clean up digitized images and two-dimensional signals—for example, television images.

Two-Dimensional Digital Filters, written by Drs. Wu-Sheng Lu and Andreas Antoniou and published by Marcel Dekker last summer, is the first book that addresses the design and implementation of two-dimensional filters directly.

In enhancing digitized images, there are two image processing techniques that can be applied: image restoration and noise removal. Researchers have known that in image processing, restoring a severely blurred but clean image is relatively easy, but restoring a blurred picture that has been contaminated by noise is not.

Noise contamination manifests itself as speckles in photographs or "snowflakes" in TV images, for example, if the TV is not properly tuned. Blurring can be largely eliminated by applying a technique known as inverse

filtering. However, this technique tends to amplify the noise content of the image. Recent research has shown that blurring as well as noise can be reduced

Dimensional Digital Filters.

Several graduate students of Lu and Antoniou have been developing computer programs and software tools that automate the design algorithms described in the book and have been applying 2-D filters to various image processing problems. The results so far have

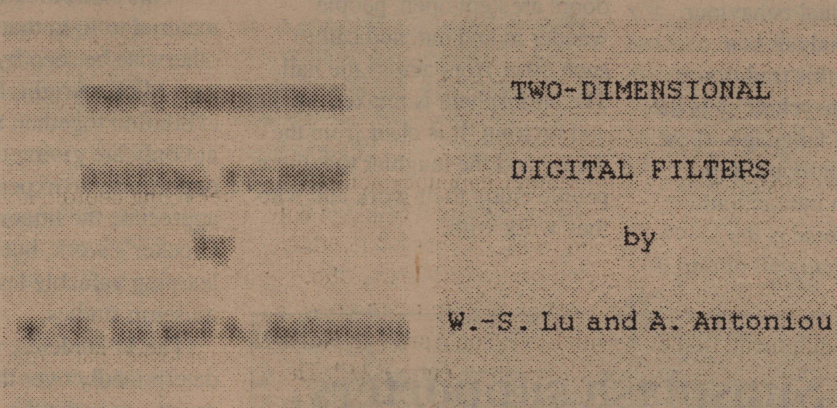


Figure A

significantly through the use of regularization filters.

Regularization filters—and many other types of filters that can be used to process images and two-dimensional signals—can be analyzed, designed and implemented by using techniques and procedures presented in *Two-*

Figure B

been very promising. For instance, a corrupt image such as that shown in figure A can be readily enhanced through a regularization filter to yield the perfectly discernible image shown in figure B.

Two-dimensional and multi-dimensional filters continue to

attract considerable attention from researchers at the Universities of Calgary, Windsor, Toronto and Concordia, and several projects in this area are supported by Micronet, Networks of Centres of Excellence program.

These filters can be used to enhance images, radiographs, photographs, and maps of any form, as long as they can be digitized. Consequently, they have been applied in numerous areas and disciplines, including robot vision, oil exploration and prospecting for dinosaur fossils, geophysical exploration, astronomy, bathymetry, forestry, remote sensing and high-definition TV. As reported in the June 1992 issue of *Scientific American*, digital filters have also corrected the flawed mirror of the Hubble telescope.

Antoniou and Lu are interested in working with other UVic researchers whose projects might benefit from the use of digital filters.

Remember When?

Birth control was hotly debated at University Health Services

By DR. JACK PETERSEN

I recall the fall of 1960 when I joined Health Services which was located in the Young Building at what is now Camosun College. Our main function was performing medicals on the first year students. The rest of the year Health Services consisted of one nurse, Mirium Oliver, with myself attending for a few hours on Saturdays. What a far cry from our present 35,000 patient visits each year. By the way, doctors were paid \$6.50 an hour that first year with no benefit package.

If you complained of a sore throat back then, you would not get a prescription for an antibiotic pill. You'd receive a shot in the butt of 2 cc of penicillin, administered with a needle that may or may not be sharp depending on when it was last sharpened. There were no disposables, then and each needle was reused, after being re-sterilized, indefinitely.

When the campus migrated from Lansdowne to the old Army camp in Gordon Head, we were

located in a small house situated where the Graduate Student Centre now stands. This was a major upgrading of our facilities though they still left much to be desired. In 1968 I wrote to Trevor Mathews, "Our present quarters may be the most primitive of any Canadian university of comparable size. Some of the conditions are incompatible with the practice of good medicine..." Now, 25 years later, I'm ready to send another copy.

Issues faced 30 years ago are now part of a regular practice. One of the first issues was, should Health Services do "pap" tests? We decided yes, and managed to obtain an ancient gynecological table from I don't know where. It was so unstable that Harry Barber from the carpentry shop attached it to the wall to keep it from collapsing.

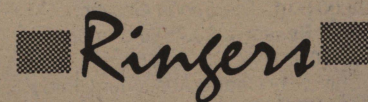
The bigger issue was should Health Services dispense the newly-discovered birth control pills? The first year the policy was yes, but only if we had written permission from a parent.



The next year the policy was updated to require that both partners come in for counselling. The decision was then made to dispense the pill based purely on medical grounds, that is if contraception was needed and the patient qualified medically. By the way, we were prescribing oral contraceptives before either UBC or SFU.

In these days of tight budgets, I remember with fond memories the phone calls from various department heads at this time of year asking if there was anything I needed, as they had money left over in their budget. Much of the equipment that we have today was obtained through these interdepartmental "gifts."

Health Services was smaller and more intimate then, and it seemed easier to know the students. The basic philosophy was to provide service to the students with genuine caring. The bigness and business of Health Services now fogs this philosophy, but if you look carefully it's still there.



Dr. Angus McLaren (History) has been awarded the Royal Society of Canada's 1993 Jason A. Hannah Medal for his book, *Our Own Master Race: Eugenics in Canada, 1885-1945* (Toronto: McClelland and Stewart, 1990). The medal recognizes research in the history of medicine. McLaren's next book, *A Prescription for Murder: The Victoria Serial Killings of Dr. Thomas Neill Cream* will be published soon. McLaren delivered a paper entitled "Gender and Murder" at the Fifth International Interdisciplinary Congress on Women in San Jose, Costa Rica, in February.

Sue Smith, who taught at the School of Nursing from 1980 to 1990 and is now a counsellor in private practice in Victoria, has had a textbook she wrote in 1985 picked by the *American Journal of Nursing* as one of their books of the year. *Communications in Nursing: Communicating Assertively and Responsibly in Nursing: A Guidebook* was published in 1986 and the second edition was released last year by Moseby-Yearbook. The exercise book is a practical guide for teaching communication skills to nursing students.

Russian memories offered

Interfaith Chaplaincy administrative secretary Judy Boulden will share stories of her memorable recent trip to Russia in a slide presentation "From Moscow with Love," on April 5 at Noon in University Centre B238. The presentation is free and open to the public. Bring your bag lunch.

Boulden's visit, as part of a carelift sponsored by the organization Campus Crusade for Christ, took her to the centre of Moscow, to the city's poor and into the homes of a people searching for hope in a country where it, like everything else, is in short supply.

Letters

Prof expands on interdisciplinary H&SD master's program

Further to the article on the Multidisciplinary Master's Program in the Faculty of Human and Social Development which appeared in the February 12, 1993 issue of *The Ring*.

There are three collaborating Schools represented in the program; namely Child and Youth Care, Nursing, and Social Work. In order to be relevant to these three professions and to current crossdisciplinary issues, the program encompasses a variety of theoretical perspectives on policy and practice in health and social services. This theoretical pluralism recognizes the strengths of both traditional and innovative orientations to learning and knowing, and seeks to be relevant to the experiences of women and men as consumers, practitioners, researchers and policymakers in health and social services, across a diversity of cultures.

As well, faculty involved in the program represent a range of academic orientations, both in terms of teaching and research. The program values research methods across the wide spectrum of quantitative and qualitative approaches, and seeks to combine the academic and professional expertise of both faculty and students. The program prepares graduates from the professions of Child and Youth Care, Nursing, and So-

cial Work to contribute to the improvement of policy and practice in health and social services by building on students' own knowledge as experienced practitioners; developing the qualities of curiosity, reflection and analysis in examining problems; building skills in research methods and critical inquiry; addressing the current impact of policy, organizational and professional factors on practice and exploring new possibilities for empowering practitioners to influence policy; exploring knowledge, theory, policy and practice as they relate to working with children and families and older adults; and, identifying and building a vision of participatory human services as opposed to an expert model.

We believe that this program is unique in its configuration and innovative in its design and objectives. I would welcome the opportunity to discuss the program with other interested faculty and prospective students. I can be reached at 721-8051, and my office is on the ground floor of the new Human and Social Development Building. Sincerely,
Michael J. Prince
Graduate Advisor
Multidisciplinary Master's Program
Human and Social Development

Save water while soaping and scrubbing

The Editor,

The water shortage in the CRD is very serious, requiring self discipline and innovation in its consumption. If all who shower in the gym, in residence and at home were to turn off the water

while soaping and scrubbing, a significant saving in total consumption would be achieved. Yours truly,
L. V. Muzychka, Bookstore
Barbara Jackson, Maltwood Gallery

Bell Canada's recycling program deserves a look, suggests reader

Editor, University of Victoria Ring

One year ago 1,000 employees of Bell Canada in Toronto, Ontario embarked on a recycling program that has changed the way employees deal with their garbage.

In a relatively short time, the branch reduced their garbage from 1800 ponds a day to 36 pounds a day. "How did they manage to implement such a successful garbage reduction program?"

First, they hired a full-time recycling coordinator who organized recycling stations in every department including the cafeteria. Each department had a volunteer who made sure that employees participated in the program. Company employees now recycle paper, glass and metal, and compost their cafeteria wastes in special bins in the parking lot. They use recycled paper and have discovered many other creative ways to reduce their consumption. For example, each employee has been provided with a personalized ceramic mug and a sponge to clean up spills, eliminating the need for copious

amounts of paper towels and disposable cups and lids. Electric hand dryers replace paper towels in the washrooms.

Bell Canada has saved \$80,000 annually in office and cafeteria supplies, custodian and tipping fees. Imagine if this type of comprehensive recycling program could be implemented at UVic. The money saved in trash collection and disposal could be applied to student awards or the library.

Bell Canada has provided a successful organizational model this university could emulate. Hiring a full-time, experienced recycling coordinator is a step in the right direction. UVic should support and adequately fund a comprehensive waste reduction program that includes: recycling on all parts of the campus, an examination of consumption habits and a drastic reduction of the prohibitive amount of garbage which enters the waste stream each day.

Sincerely,
Ms. Claire Heffernan

Crime prevention bulletin

CAMPUS CRIMES REPORTED FOR FEB. 1993

Type of crime	Number of reports
Theft from auto	6
Theft of auto	1
Theft of UVic property	2
Theft of private property	4
Theft of computers	1
Theft of bicycles	5
Theft of bicycle parts	5
Theft of wallets or purses	5
Vandalism of UVic property	6
Vandalism of private property	2
Vandalism to auto	5

The campus Safe Walk Program provided 137 escorted trips in February 1993.
Emergency phone number: 721-7599

Increased police presence on campus purely musical

UVic expects to see an increased police presence on campus later this year, but the appearance of law enforcement officers from around the world will have nothing to do with increased crime statistics. The police officers taking over University Centre from May 5 to 12 will be here to sing as part of the 1993 International Police Music Festival, being sponsored by UVic's Department of Traffic and Security.

Already confirmed for the festival are the Royal Hong Kong Constabulary Choir, the Essex Constabulary Choir from Essex, England, the Folklore Ensemble from Bedfordshire, England, the Hamilton-Wentworth Regional Police Choir from Hamilton, Ontario and the Greater Victoria Police Chorus. Three members of the Chorus, Ray McLean, Peter Voth and Ray Adrian, are security officers with Traffic and Security.

The participants will entertain

the public at two concerts at the University Centre Auditorium at 8 p.m. May 7 and May 8. Tickets are \$12 each (\$10 for seniors) and are on sale now at the University Centre box office and the Hillside Ticket Centre. The choirs also expect to perform free concerts for senior citizens and students from area schools.

The Royal B.C. Museum and the Victoria Police Historical Society will have displays of period uniforms, badges and police memorabilia and antique police vehicles, along with the latest in police equipment, in the University Centre Auditorium Lobby for the duration of the Festival.

Off-campus, participating choirs and bands will visit local hospitals and senior citizens and give free public performances on the Legislature lawn and in Beacon Hill Park. During the Festival, choir members and their families will be staying in UVic residences.

Calendar

ALL EVENTS ARE FREE UNLESS OTHERWISE INDICATED. SUBMISSION DEADLINE FOR THE NEXT ISSUE IS APRIL 2.

A ATHLETICS E EXHIBITIONS F FILMS L LECTURES M MUSIC R RECREATION T THEATRE W WORKSHOPS & CONFERENCES O OTHER

Continuing

- E** Mozambique: Apartheid's. To March 28. Maltwood Museum & Gallery. Info 721-8298.
- O** 12:30 p.m. Muslim Prayers. Every Friday. Interfaith Chapel. Info 721-8338.
- O** 4:00 p.m. Islamic Teaching Series. Last Sunday of every month. Interfaith Chapel. Info 721-8338.

Friday, March 26

- O** 12:00 p.m. Continuous start. And 1:00 p.m. Spring 4 km. Fun Run/Walk. Mile 'O' of UVic Chip Trail. Info 721-8414.
- O** 12:30 p.m. Student Finalists. Readings. Fine Arts 103. Info 721-7306.
- M** 12:30 p.m. *Fridaymusic*. School of Music students. Phillip T. Young Recital Hall. Info 721-7903.
- L** 1:30 p.m. *Black Athena, Cultural Influences in the Bronze Age East Mediterranean*. Martin Bernal, Cornell University. And Paul Cartledge, Cambridge University. University Centre A180. Info 721-6271 (Humanities).
- F** 2:30 & 7:00 & 9:25 p.m. *Bram Stoker's Dracula* (USA, 1992) Francis Ford Coppola. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.
- L** 3:00 p.m. *Four-Eyed Zebrafish: A Novel Effect of Retinoic Acid*. Dr. J. Dowling, Harvard University. Cunningham 146. Info 721-7123 (Biology).
- T** 8:00 p.m. *Comedy of Errors*. Michael Booth, Faculty Director. \$11-\$13 at Phoenix Theatre box office. Info 721-8000.
- M** 8:00 p.m. 4th Annual High School Invitational Concert & UVic Wind Symphony. University Centre Auditorium. Info 721-7903.
- F** 11:45 p.m. *Buffy the Vampire Slayer* (USA, 1992) Fran Rubel Kuzui. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Saturday, March 27

- T** 2:00 p.m. *Secret Garden*. Four Seasons. \$3.75-\$4.50 at UVic Ctr. box office. University Centre Auditorium. Info 721-8299.
- F** 2:30 & 7:00 & 9:25 p.m. *Bram Stoker's Dracula* (USA, 1992) Francis Ford Coppola. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.
- T** 8:00 p.m. *Comedy of Errors*. Michael Booth, Faculty Director. \$11-\$13 at Phoenix Theatre box office. Info 721-8000.
- O** 8:00 p.m. *Sandra Bernhardt*. **CANCELLED**. Comedy. University Centre Auditorium. Info 721-8299.
- M** 8:00 p.m. *Faculty Chamber Music Series*. Lafayette String Quartet. \$6-\$10 at School of Music. Phillip T. Young Recital Hall. Info 721-7903.
- F** 11:45 p.m. *Buffy the Vampire Slayer* (USA, 1992) Fran Rubel Kuzui. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Sunday, March 28

- T** 2:00 p.m. *Secret Garden*. Four Seasons. \$3.75-\$4.50 at UVic Ctr. box office. University Centre

Auditorium. Info 721-8299.

- M** 2:30 p.m. *Faculty Chamber Music Series & Lafayette String Quartet*. \$6-\$10 at School of Music & UVic Ctr. box offices. Phillip T. Young Recital Hall. Info 721-7903.

- F** 7:10 & 9:20 p.m. *Swept Away by an Unusual Destiny*. (Italy, 1974) Lina Wertmuller. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Monday, March 29

- L** 10:00 a.m. *Le Dialogue philosophique au seizieme siecle*. Dr. Eva Kushner, President, Victoria University (U. of Toronto). Clearihue C117. Info 721-7364 (French).
- F** 7:15 & 9:15 p.m. *Enchanted April* (GB, 1981) Mike Newell. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.
- M** 8:00 p.m. B. Mus. Graduating Recital. Wade Noble, baritone. Phillip T. Young Recital Hall. Info 721-7903.

Tuesday, March 30

- O** 4:30 p.m. First Annual Poster Session by Psychology Honours Students. Cornett B108. Info 721-7525 (Psychology).
- F** 7:00 & 9:20 p.m. *Marnie* (USA, 1964) Alfred Hitchcock. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Wednesday, March 31

- F** 7:00 & 9:20 p.m. *The Cook, the Thief, His Wife and Her Lover* (GB/FR, 1989) Peter Greenaway. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.
- L** 8:15 p.m. *The Egyptian Wind-Dylan Thomas and the Romantic Imagination: A Lecture Performance*. Dr. Anthony Jenkins, UVic. Begbie 159. Info 592-5509 (University Extension Association).

Thursday, April 1

- E** *Trio*. To April 8. Ernest William Albert Crocker. Maltwood Museum & Gallery. Info 721-8298.
- L** 11:30 a.m. *DNA Interstrand Crosslinking Drugs, Toxins and Toxicants*. Dr. Paul Hopkins, U. of Washington. Elliott 061. Info 721-7152 (Chemistry).
- L** 1:30 p.m. *Critical Pedagogy: Teaching For Transformational Learning*. Dr. Cunningham, Northern Illinois University. Pre-registration required. For Faculty & T.A.s only. University Centre B238. Info 721-8571 (Learning & Teaching Ctr.).
- L** 4:30 p.m. *Review of ESL Texts and Teacher Resources: A Student Seminar*. Clearihue A201. Info 721-7424.
- F** 7:15 & 9:15 p.m. *Overseas* (FR, 1990) Brigitte Rouan. Subtitles. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.
- L** 7:30 p.m. *Social Transformation: The Goal of Adult Education*. Dr. Phyllis Cunningham, Northern Illinois University. Lansdowne Lecture. Begbie 159. Info 721-8504 (Extension).

Friday, April 2

- M** 9:30 a.m. *Hathead and the Sweaters*. Felicita's. Info 721-6243.

- O** 12:30 p.m. Alexander Hutchison. Reading. Fine Arts 103. Info 721-7306.

- M** 12:30 p.m. *Fridaymusic*. UVic Chamber Singers. Phillip T. Young Recital Hall. Info 721-7903.

- L** 1:00 p.m. *Humanism and the Humanities in the Renaissance*. To 5:00. Prof. Lisa Jardine, London University. Blair Worden, Oxford University. And Anthony Grafton, Princeton University. Commons Block Green Room. Info 721-6271 (Humanities).

- F** 2:30 & 7:00 & 9:30 p.m. *Alive* (USA, 1993) Frank Marshall. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- L** 3:00 p.m. *The Nervous Control of Walking in Arthropods and Mammals*. Dr. K. Pearson, U. of Alberta. Cunningham 146. Info 721-7123 (Biology).

- F** 11:45 p.m. *Eating Raoul* (USA, 1982) Paul Bartel. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Saturday, April 3

- T** 2:00 p.m. *The Secret Garden*. Four Seasons. \$3.75 (6 or more), \$4.50 at UVic Ctr. box office. University Centre Auditorium. Info 389-1025.
- F** 2:30 & 7:00 & 9:30 p.m. *Alive* (USA, 1993) Frank Marshall. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- M** 8:00 p.m. *UVic Chorus & Orchestra*. \$5-\$8 at School of Music & UVic Ctr. box offices. University Centre Auditorium. Info 721-7903.

- F** 11:45 p.m. *Eating Raoul* (USA, 1982) Paul Bartel. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Sunday, April 4

- T** 2:00 p.m. *The Secret Garden*. Four Seasons. \$3.75 (6 or more), \$4.50 at UVic Ctr. box office. University Centre Auditorium. Info 389-1025.

What's blooming at UVic?

With the arrival of warmer and wetter weather, a full range of trees, shrubs, rhododendrons, perennials and bulbs are coming into bloom in the University of Victoria Finnerty Gardens, adjacent to the Interfaith Chapel.

This colourful show includes many cherries, such as varieties of *Prunus serrulata*, *P. cerasifera* and *P. subhirtella*. *Magnolia stellata*, with its mass of white flowers, and the rarer *M. campbellii*, with its large red blooms, have also burst into flower.

Rhododendrons, both species and hybrid, are resplendent in a wide range of size and colour, including *R. thomsonii*, *R. fulvum*, *R. satchuenense*, *R. praevernum*, *R. dauricum*, *R. macabeum*, *R. fargesii*, *R. barbatum*, *R. lutescens*, *R. pseudochrysanthum* and 'Princess Abkazhi'.

Camellias are out in many colours and include the varieties 'J.C. Williams', 'Freedom Bell' and 'Jury's Yellow'. *Ribes sanguineum*, in both its red and white forms, is evident.

Erythroniums are just starting and together with the *Anemone* mix, low-growing tulips and cyclamen form the low-level, eye-catching carpet.

As this is coming to the optimum time for



Ken Faris photo

Spring weather has encouraged many Rhododendron species and hybrids to bloom in the University of Victoria Finnerty Gardens.

flowering material, new blooms are evident nearly every day, attracting both hummingbirds and human admirers.

As a special addition to the UVic Finnerty Gardens, about 300 heathers are currently being planted near the Interfaith Chapel entrance and elsewhere throughout the gardens, making for a spectacular show of spring colour.

- F** 11:45 p.m. *Wayne's World* (USA, 1992) Penelope Spheeris. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Saturday, April 10

- T** 2:00 p.m. *The Witch and the Rabbit King*. Children's theatre. \$4.50-\$5 at door. University Centre Auditorium. Info 721-6561.

- F** 2:30 & 7:00 & 9:30 p.m. *The Bodyguard* (USA, 1992) Mick Jackson. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- F** 11:45 p.m. *Wayne's World* (USA, 1992) Penelope Spheeris. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Sunday, April 11

- F** 7:15 & 9:15 p.m. *The Nasty Girl* (Ger, 1989) Michael Verhoeven. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Monday, April 12

- F** 7:15 & 9:20 p.m. *Mediterraneo* (Italy, 1992) Gabriele Salvatores. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Tuesday, April 13

- F** 12:00 & 1:00 p.m. *Men & Women: Partners at work*. Sedgewick C168. Info 721-8085 (Human Resources).

- F** 7:15 & 9:15 p.m. *Salmonberries* (Ger, 1991) Percy Adlon. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Wednesday, April 14

- L** 3:00 p.m. *Univalent Engineering Systems*. Dr. Fazlollah Reza, Concordia University. Lansdowne Lecture. EOW 430. Info 721-8614 (Electrical & Computer Engineering).

- F** 7:00 & 9:15 p.m. *A Zed and Two Naughts* (GB, 1985) Peter Greenaway. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- M** 2:30 p.m. *Faculty Recital*. Joanna Hood, viola; Susan Young, soprano; Bruce Vogt, piano; Salvador Ferreras, percussion. \$5-\$8 at School of Music. Phillip T. Young Recital Hall. Info 721-7903.

- F** 7:15 & 9:00 p.m. *Antonia and Jane* (GB, 1991) Beeban Kidron. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Monday, April 5

- F** 7:15 & 9:15 p.m. *Reservoir Dogs* (USA, 1992) Quentin Tarantino. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Tuesday, April 6

- F** 12:00 & 1:00 p.m. *Be prepared to Speak (Toastmasters Guide to Public Speaking)*. Sedgewick C168. Info 721-8085 (Human Resources).

- F** 7:15 & 9:00 p.m. *Waiting* (Australia, 1990) Jackie McKimmie. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Wednesday, April 7

- F** 7:00 & 9:20 p.m. *Drowning by Numbers* (GB, 1988) Peter Greenaway. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- M** 8:00 p.m. B. Mus. Graduating Recital. Seelan Manickam, trumpet. Phillip T. Young Recital Hall. Info 721-7903.

Thursday, April 8

- F** 7:15 & 9:15 p.m. *Matinee* (USA, 1993) Joe Dante. \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

Friday, April 9

- F** 2:30 & 7:00 & 9:30 p.m. *The Bodyguard* (USA, 1992) Mick Jackson. \$3 matinee, \$3.75-\$5.75 at door. SUB Theatre. Info 721-8365.

- O** 6:00 p.m. Visakhi Mela Show. \$30-\$50 at Island Video. University Centre Auditorium. Info 721-6561.